Check if Relation is a Function (12 pts classwork, version 49)
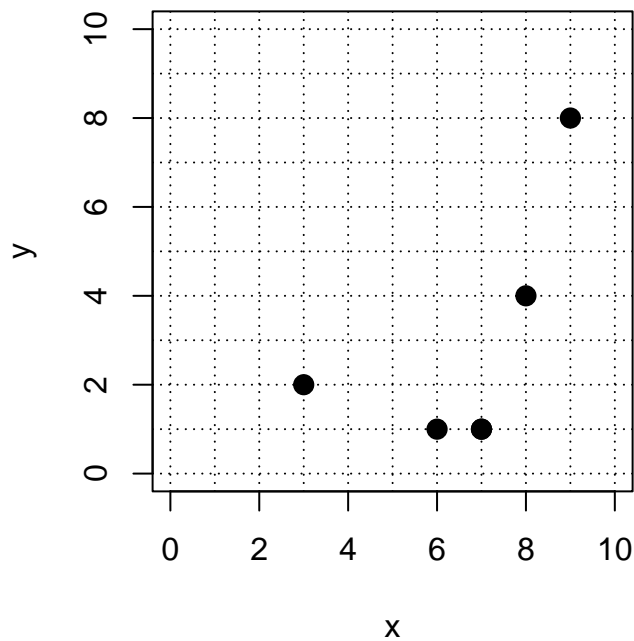
1. A relation is expressed as a list of (x, y) ordered pairs.

$$(1,6) \quad (7,5) \quad (6,8) \quad (1,2) \quad (7,7) \quad (9,5)$$

- Is y a function of x? Why or why not?

- Is x a function of y? Why or why not?

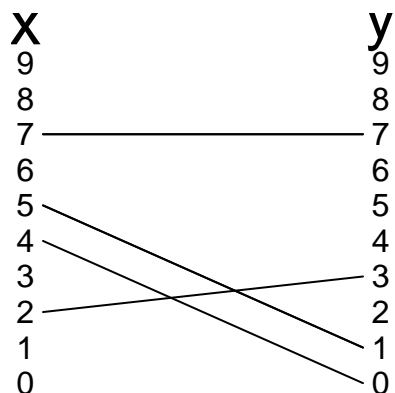- One-to-one function? Why or why not?

---

2. A relation is shown as points on a graph.

- Is y a function of x? Why or why not?

- Is x a function of y? Why or why not?

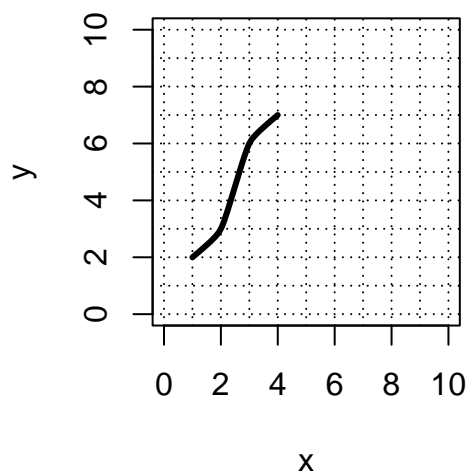- One-to-one function? Why or why not?

Check if Relation is a Function (version 49)

3. A relation is shown with segments connecting elements of two sets.

- Is y a function of x? Why or why not?

- Is x a function of y? Why or why not?

- One-to-one function? Why or why not?

---

4. A relation is shown as a curve plotted on an x, y

- Is y a function of x? Why or why not?

- Is x a function of y? Why or why not?

- One-to-one function? Why or why not?